

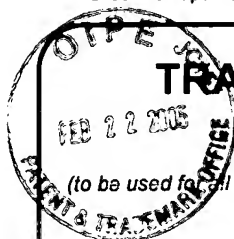
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RPTO/SB/21 (CS-CO)

Approved for use through 10/31/2002. CMB 0851-C031

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/650,360		
	Filing Date	August 27, 2003	
	First Named Inventor	Leung, A.	
	Group Art Unit	2188	
	Examiner Name	Padmanabhan, Mano	
Total Number of Pages in This Submission	7	Attorney Docket Number	021154-000810US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1) Return receipt postcard 2) PTO/SB/08A and PTO/SB/08B forms 3) Fourteen (14) references
Remarks The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430. Total number of pages <u>does not</u> include cited references.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm and Individual name	Townsend and Townsend and Crew LLP Sujit B. Kotwal Reg No. 43,336	
Signature	S. B. Kotwal	
Date	February 15, 2005	

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: February 18, 2005			
Typed or printed name	Christopher R. Fitting		
Signature		Date	February 18, 2005

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PATENT
Attorney Docket No.: 021154-000810US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

ALBERT LEUNG et al.

Application No.: 10/650,360

Filed: August 27, 2003

For: OPTIMIZING STORAGE
CAPACITY UTILIZATION BASED
UPON DATA STORAGE COSTS

Examiner: Padmanabhan, Mano

Art Unit: 2188

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37
CFR §1.97 and §1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on the attached PTO/SB/08A and PTO/SB/08B forms are being called to the attention of the Examiner. Copies of the non U.S. Patent references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information, and no inference should be made that the information and references cited are, or are considered to be material to patentability because they are in this statement. No inference should be made that the information and references cited are prior art merely because they are in this statement.

Applicant believes that no fee is required for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

S. B. Kotwal

Sujit B. Kotwal
Reg. No. 43,336

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60419762 v1



P.O. BOX 110, 1000

Substitution form 1449A INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/650,360	
			Filing Date	August 27, 2003	
			First Named Inventor	Leung, Albert	
			Art Unit	2188	
			Examiner Name	Padmanabhan, Mano	
			Attorney Docket Number	021154-000810US	
Sheet	1	of	3		

U.S. PATENT DOCUMENTS+					
Examiner Initials ¹	Cite No.	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-6,631,477	10-07-2003	LeCrone et al.	
	AB	US-6,584,497	06-24-2003	Case et al.	
	AC	US-6,449,731	09-10-2002	Frey, Jr.	
	AD	US-6,415,280	07-02-2002	Furber et al.	
	AE	US-6,404,925	06-11-2002	Footo et al.	
	AF	US-6,330,610	12-11-2001	Dector et al.	
	AG	US-6,023,709	02-08-2000	Anglin et al.	
	AH	US-5,983,318	11-09-1999	Willson et al.	
	AI	US-5,873,103	02-16-1999	Trede et al.	
	AJ	US-5,819,296	10-06-1998	Anderson et al.	
	AK	US-5,708,806	01-13-1998	DeRose et al.	
	AL	US-5,475,834	12-12-1995	Anglin et al.	
	AM	US-5,471,677	11-28-1995	Imanaka	
	AN	US-5,053,948	10-01-1991	DeClute et al.	
	AO	US-2005/0033757	02-10-2005	Greenblatt et al.	
	AP	US-2005/0021566	01-27-2005	Mu	
	AQ	US-2005/0015409	01-20-2005	Wen et al.	
	AR	US-2004/0163029	08-19-2004	Foley et al.	
	AS	US-2004/0083202	04-29-2004	Mu et al.	
	AT	US-2004/0054656	03-18-2004	Leung et al.	
	AU	US-2004/0049513	03-11-2004	Yakir et al.	
	AV	US-2003/0115204	06-19-2003	Greenblatt et al.	
	AW	US-2003/0046270	03-06-2003	Leung et al.	
	AX	US-2003/0046313	03-06-2003	Leung et al.	
	AY	US-2002/0138251	09-26-2002	Geary	
	AZ	US-2001/0034795	10-25-2001	Moulton et al.	

Examiner Signature		Date Considered	
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			Application Number	10/650,360	
			Filing Date	August 27, 2003	
			First Named Inventor	Leung, Albert	
			Art Unit	2188	
			Examiner Name	Padmanabhan, Mano	
Sheet	2	of	3	Attorney Docket Number	021154-000810US

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code ²	Number ³	Kind Code ⁴ (if known)				
	BA	WO	05/001646		01-06-2005			<input type="checkbox"/>
	BB	WO	04/109663		12-16-2004			<input type="checkbox"/>
	BC	WO	04/109556		12-16-2004			<input type="checkbox"/>
	BD	WO	04/051481		06-17-2004			<input type="checkbox"/>
	BE	WO	04/021225		03-11-2004			<input type="checkbox"/>
	BF	WO	04/021224		03-11-2004			<input type="checkbox"/>
	BG	WO	04/021223		03-11-2004			<input type="checkbox"/>
	BH	WO	04/021123		03-11-2004			<input type="checkbox"/>
	BI	WO	03/052620		06-26-2003			<input type="checkbox"/>
	BJ	WO	03/025795		03-27-2003			<input type="checkbox"/>
	BK	WO	03/021441		03-13-2003			<input type="checkbox"/>

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/650,360	
			Filing Date	August 27, 2003	
			First Named Inventor	Leung, Albert	
			Art Unit	2186	
			Examiner Name	Padmanabhan, Mano	
Sheet	3	of	3	Attorney Docket Number	021154-000810US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	BL	Microsoft Corporation, Microsoft Windows 2000 Server white paper, Enterprise Class Storage in Windows 2000, 1999, pgs. 11, 19, 20.	
	BM	The PC Guide, May 11, 2001, downloaded from http://web.archive.org/web/20010626140029/www.pcguides.com/ref/hdd/file/ntfs/secRes-c.html on 4/7/04	
	BN	SIYAN, K.S., "Windows 2000 Server Professional Reference, July 10, 2000, ISBN 0-7357-0952-1," Implementing File System Security Using File Permissions, chapter 9.	

Examiner Signature		Date Considered	
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